



Customer Number: 000959

Attorney's Docket Number: BBI-093CP

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

the specification of which	
(check one)	
is attached hereto.	the st.
X was filed on March 24, 2000	as
Application Serial No. <u>09/534,717</u>	
and was amended on	
(if applicat	ole)

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Ch	eck	One	٠.
v.n	ieck.	One	٠.

- X no such applications have been filed.
- _ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing	Priority	
		(month,day,year)	Under 3:	5 USC 119
			_ Yes	No _
			_ Yes	No _
			_ Yes	No_
	***************************************		_ Yes	No _
			_ Yes	No _
ALL FO	OREIGN APPLICATION(S), IF	 FANY FILED MORE TI	HAN 12 MO	NTHS

(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION	

60/126,603	March 25, 1999
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield	Reg. No. 19,162	Catherine J. Kara	Reg. No. 41,106
Thomas V. Smurzynski	Reg. No. 24,798	Jeanne M. DiGiorgio	Reg. No. 41,710
Ralph A. Loren	Reg. No. 29,325	Megan E. Williams	Reg. No. 43,270
Giulio A. DeConti, Jr.	Reg. No. 31,503	Nicholas P. Triano III	Reg. No. 36,397
Ann Lamport Hammitte	Reg. No. 34,858	Peter C. Lauro	Reg. No. 32,360
Elizabeth A. Hanley	Reg. No. 33,505	Timothy J. Douros	Reg. No. 41,716
Amy E. Mandragouras	Reg. No. 36,207	DeAnn F. Smith	Reg. No. 36,683
Anthony A. Laurentano	Reg. No. 38,220	William D. DeVaul	Reg. No. 42,483
Jane E. Remillard	Reg. No. 38,872	David J. Rikkers	Reg. No. 43,882
Jeremiah Lynch	Reg. No. 17,425	Chi Suk Kim	Reg. No. 42,728
Kevin J. Canning	Reg. No. 35,470		
David A. Lane, Jr.	Reg. No. 39,261		

Send Correspondence to Giu	ilio A. DeConti, Jr., Esq.	at Customer Number:	000959 whose
address is: Lahive & Cockfie	ld, LLP, 28 State Street, Bosto	n, MA 02109	
Direct Telephone Calls to: G	Giulio A. DeConti, Jr., Esq., (6)	17) 227-7400	

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Jochen Salfeld	
Inventor's signature	Date
Residence	
177 Old Westborough Road, North Grafton, MA 01536	
Citizenship	
Germany	
Post Office Address (if different)	
(,	

F	
Full name of second inventor, if any Michael Roguska	
Inventor's signature	
inventor's signature	Date
Residence	
16 Hilldale Road, Ashland, MA 01721	
Citizenship	
United States	
Post Office Address (if different)	
1 Ost Office Address (it different)	
	·
Full name of third inventor, if any	
Michael Paskind	
Inventor's signature	Date
inventor a digital of	Date
Residence	
253 Redemption Rock Trail, Sterling, Ma 01564	
Citizenship	
United States	
Post Office Address (if different)	
,	
Full name of fourth inventor, if any	
Subhashis Banerjee	
Inventor's signature	Date
Residence	
25 Hapgood Way, Shrewsbury, MA 01545	
Citizenship	
India	
Post Office Address (if different)	
Full name of fifth inventor, if any	
Daniel Tracey	<u></u>
Inventor's signature	Date
Residence	
149 Shaker Road, Harvard, MA 01451	
Citizenship	***
United States	
Post Office Address (if different)	

Date
Date
Date
<u> </u>
Date

Full name of tenth inventor, if any	
Geertruida M. Veldman	
Inventor's signature	Date
Residence	
60 Woodmere Drive, Sudbury, MA 01776	
Citizenship	
Netherlands	
Post Office Address (if different)	
1 05t Office / Address (if different)	
Full name of eleventh inventor, if any	
Amy Venturini	
Inventor's signature	Date
Residence	
207 Woburn Street, Lexington, MA 02420	
Citizenship	
United States	
Post Office Address (if different)	
Full name of twelfth inventor, if any	
Angela Widom	
Inventor's signature	Date
	2 3.5
Residence	
19 Cherokee Road, Acton, MA 01720	İ
Citizenship	
United States	
Post Office Address (if different)	
Full name of thirteenth inventor, if any	
Stuart Friedrich	
Inventors signature	Date 7/31/00
Residence	1,01/00
20 Albion Street, Melrose, MA 02176	!
Citizenship	
Canada	
Post Office Address (if different)	
,	

Full name of fourteenth inventor, if any
Nicholas W. Warne
Inventor's signature Date
Residence
27 Farrwood Drive, Andover, MA 01810
Citizenship
United States
Post Office Address (if different)
Full name of fifteenth inventor, if any
Angela Myles
Inventor's signature Date
Residence
11 Crescent Drive, Apt. 7, Andover, MA 01810
Citizenship
United States
Post Office Address (if different)
Full name of givtsouth inventor if any
Full name of sixteenth inventor, if any John Gawain Elvin
Inventor's signature Date
Residence
36 Perowne Street, Cambridge, Great Britain CB1 2AY
Citizenship
United Kingdom
Post Office Address (if different)
Full name of seventeenth inventor, if any
Alexander Robert Duncan
Inventor's signature Date
Date Date
Residence
3 Hauwxton Road, Little Shelford, Cambridge, Great Britain CB2 5HJ
Citizenship
United Kingdom
Post Office Address (if different)

Full name of eighteenth inventor, if any Elaine Joy Derbyshire Inventor's signature Date Residence 15 The Brambles, Studlands Rise, Royston, Hertfordshire, Great Britain SG8 9NQ Citizenship United Kingdom Post Office Address (if different) Full name of nineteenth inventor, if any Sara Carmen Inventor's signature Date Residence 136 Sturton Street, Cambridge, Great Britain CB1 2QF Citizenship United Kingdom Post Office Address (if different) Full name of twentieth inventor, if any Stephen Smith Inventor's signature Date Residence 33 Church Road, Wicken, Ely, Cambridgeshire, Great Britain CB7 5XT Citizenship United Kingdom Post Office Address (if different) Full name of twenty-first inventor, if any Thor Las Holtet Inventor's signature Date Residence 13 Mortimer Road, Royston, Hertfordshire, Great Britain Citizenship Denmark Post Office Address (if different)

Full name of twenty-second inventor, if any	y
Sarah Leila Du Fou	
Inventor's signature	Date
Residence	
76 Ickleford Road, Hitchen, Hertfordshire,	Great Britain SG5 1TL
Citizenship	
United Kingdom	
Post Office Address (if different)	
	,



Customer Number: 000959

Attorney's Docket Number: BBI-093CP

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

the specification of which	
(check one)	
is attached hereto.	
X was filed on March 24, 2000	as
Application Serial No. 09/534,717	
and was amended on(if applical	hla)
th addition	UCI

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Hy

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

\sim	1	.1.		
ι.	hec	`K	nη	e.

- X no such applications have been filed.
- _ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)		Claimed 5 USC 119
			_ Yes	No _
			_ Yes	No_
			_Yes	No _
			_ Yes	No_
			_ Yes	No _

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

60/126,603	March 25, 1999
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield	Reg. No. 19,162	Catherine J. Kara	Reg. No. 41,106
	,		,
Thomas V. Smurzynski	Reg. No. 24,798	Jeanne M. DiGiorgio	Reg. No. 41,710
Ralph A. Loren	Reg. No. 29,325	Megan E. Williams	Reg. No. 43,270
Giulio A. DeConti, Jr:	Reg. No. 31,503	Nicholas P. Triano III	Reg. No. 36,397
Ann Lamport Hammitte	Reg. No. 34,858	Peter C. Lauro	Reg. No. 32,360
Elizabeth A. Hanley	Reg. No. 33,505	Timothy J. Douros	Reg. No. 41,716
Amy E. Mandragouras	Reg. No. 36,207	DeAnn F. Smith	Reg. No. 36,683
Anthony A. Laurentano	Reg. No. 38,220	William D. DeVaul	Reg. No. 42,483
Jane E. Remillard	Reg. No. 38,872	David J. Rikkers	Reg. No. 43,882
Jeremiah Lynch	Reg. No. 17,425	Chi Suk Kim	Reg. No. 42,728
Kevin J. Canning	Reg. No. 35,470		,
David A. Lane, Jr.	Reg. No. 39,261		

Send Correspondence to Giulio A. DeConti, Jr., Esq. address is: Lahive & Cockfield, LLP, 28 State Street, Bosto	at Customer Number: on, MA 02109	000959 whose
Direct Telephone Calls to: Giulio A. DeConti, Jr., Esq., (6	17) 227-7400	

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
Jochen Salfeld		
Inventor's signature	Date	
Residence		
177 Old Westborough Road, North Grafton, MA 01536		
Citizenship		
Germany		
Post Office Address (if different)		····

Full name of second inventor, if any		
Michael Roguska		
Inventor's signature	Date	
Residence		
16 Hilldale Road, Ashland, MA 01721		
Citizenship		
United States		
Post Office Address (if different)		
Full name of third inventor, if any		
Michael Paskind		
Inventor's signature	Date	
Residence	· · · · · · · · · · · · · · · · · · ·	
253 Redemption Rock Trail, Sterling, Ma 01564		
Citizenship		
United States		
Post Office Address (if different)		
Tool Carret Ladicolo (it distance)		
		-
Full name of fourth inventor, if any		
Subhashis Banerjee		
Inventor's signature	Date	
	Date	
Residence		
25 Hapgood Way, Shrewsbury, MA 01545		
Citizenship		
India		
Post Office Address (if different)		
1 ost Office Address (if different)		
Full name of fifth inventor, if any		
Daniel Tracey		
Inventor's signature	Data	v .
inventor's signature	Date	
Residence		
149 Shaker Road, Harvard, MA 01451		
Citizenship		
United States	*	
Post Office Address (if different)		
		İ

[P.1]	
Full name of sixth inventor, if any Michael White	
Inventor's signature	Date
Residence	
30 Angelica Drive, Framingham, MA 01701	
Citizenship	
United States	
Post Office Address (if different)	
Fost Office Address (if different)	
Full name of seventh inventor, if any	
Zehra Kaymakcalan	!
Inventor's signature	Date
	Dutt
Residence	
4 Picadilly Way, Westborough, MA 01581	
Citizenship	
Turkey	
Post Office Address (if different)	
Full name of eighth inventor, if any	
Boris Labkovsky	
Inventor's signature	Date
Residence	
107 A-5 Broadmeadow Road, Marlborough, MA 01752	
Citizenship	
United States	
Post Office Address (if different)	
D 11	
Full name of ninth inventor, if any	
Paul Sakorafas	
Inventor's signature	Date
Residence	
47 Court Street, Newton, MA 02160	
Citizenship	
United States	
Post Office Address (if different)	

Full name of tenth inventor, if any	
Geertruida M. Veldman	
Inventor's signature	Date 7 1 200
	Date July 24, 2000
Residence	
60 Woodmere Drive, Sudbury, MA 01776	
Citizenship	
Netherlands	
Post Office Address (if different)	
, , , , , , , , , , , , , , , , , , ,	
	•
Full name of eleventh inventor, if any	
Amy Venturini	
Inventor's signature	Date
inventor's signature	Date
Residence	
207 Woburn Street, Lexington, MA 02420	
Citizenship	
United States	·
Post Office Address (if different)	
Post Office Address (if different)	
Full name of smalth inventor if any	
Full name of twelfth inventor, if any	ĺ
Angela Widom	D
Inventor's signature	Date
Residence	
19 Cherokee Road, Acton, MA 01720	· · · · · · · · · · · · · · · · · · ·
Citizenship	
United States	
Post Office Address (if different)	
Full name of thirteenth inventor, if any	
Stuart Friedrich	
Inventor's signature	Date
Residence	
20 Albion Street, Melrose, MA 02176	
Citizenship	
Canada	
Post Office Address (if different)	
a sor o marcos (in dimension)	

[F.1]	
Full name of fourteenth inventor, if any	
Nicholas W. Warne	Disa
Inventor's signature	Date
Residence	
27 Farrwood Drive, Andover, MA 01810	
Citizenship	
United States	
Post Office Address (if different)	
1 ost Office Address (if different)	
Full name of fifteenth inventor, if any	
Angela Myles	
Inventor's signature	Date
inventor a argument	Date
Residence	
11 Crescent Drive, Apt. 7, Andover, MA 01810	
Citizenship	
United States	
Post Office Address (if different)	
,	
Full name of sixteenth inventor, if any	
John Gawain Elvin	
Inventor's signature	Date
Residence	
36 Perowne Street, Cambridge, Great Britain CB1 2AY	
Citizenship	
United Kingdom	
Post Office Address (if different)	
· 	
Full name of seventeenth inventor, if any	
Alexander Robert Duncan	
Inventor's signature	Date
Residence	
3 Hauwxton Road, Little Shelford, Cambridge, Great Britain CB2	2 5HJ
Citizenship	
United Kingdom	
Post Office Address (if different)	

Full name of eighteenth inventor, if any	
Elaine Joy Derbyshire	
Inventor's signature	Date
Residence	
15 The Brambles, Studlands Rise, Royston, Hertfordshire, Gre	at Britain SG8 9NO
Citizenship	at Britain 600 311Q
United Kingdom	
Post Office Address (if different)	
(1 dat 0 1 dat 1 d	
Full name of nineteenth inventor, if any	
Sara Carmen	
Inventor's signature	Date
Residence	
136 Sturton Street, Cambridge, Great Britain CB1 2QF	
Citizenship	·
United Kingdom Part Office Address (if different)	
Post Office Address (if different)	
Full name of twentieth inventor, if any	
Stephen Smith	
Inventor's signature	Date
Residence	
33 Church Road, Wicken, Ely, Cambridgeshire, Great Britain	CB7 5XT
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of twenty-first inventor, if any	
Thor Las Holtet	Date
Inventor's signature	Date
Residence	
13 Mortimer Road, Royston, Hertfordshire, Great Britain	
Citizenship	
Denmark	
Post Office Address (if different)	

Full name of twenty-second inventor, if ar	ıy
Sarah Leila Du Fou	
Inventor's signature	Date
Residence	
76 Ickleford Road, Hitchen, Hertfordshire	, Great Britain SG5 1TL
Citizenship	
United Kingdom	
Post Office Address (if different)	
	· ·

umber: 000959

Customer Number: 000959

Attorney's Docket Number: BBI-093CP

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

the specification of which	
(check one)	
is attached hereto.	
X was filed on March 24, 2000	as
Application Serial No. 09/534,717	
and was amended on	
(if applicable)	

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

\sim 1		
<i>ı</i> 'n	acv	one:
\sim 11	\sim	UHC.

- X no such applications have been filed.
- such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing	Priority Claimed	
		(month,day,year)	Under 3:	5 USC 119
			_ Yes	No_
			_ Yes	No_
			_ Yes	No _
			_ Yes	No_
			_ Yes	No _

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

(o Morriso I one Babier,) I ident To Timb etc. The I are				
İ				
				

60/126,603	March 25, 1999
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield	Reg. No. 19,162	Catherine J. Kara	Reg. No. 41,106
Thomas V. Smurzynski	Reg. No. 24,798	Jeanne M. DiGiorgio	Reg. No. 41,710
Ralph A. Loren	Reg. No. 29,325	Megan E. Williams	Reg. No. 43,270
Giulio A. DeConti, Jr.	Reg. No. 31,503	Nicholas P. Triano III	Reg. No. 36,397
Ann Lamport Hammitte	Reg. No. 34,858	Peter C. Lauro	Reg. No. 32,360
Elizabeth A. Hanley	Reg. No. 33,505	Timothy J. Douros	Reg. No. 41,716
Amy E. Mandragouras	Reg. No. 36,207	DeAnn F. Smith	Reg. No. 36,683
Anthony A. Laurentano	Reg. No. 38,220	William D. DeVaul	Reg. No. 42,483
Jane E. Remillard	Reg. No. 38,872	David J. Rikkers	Reg. No. 43,882
Jeremiah Lynch	Reg. No. 17,425	Chi Suk Kim	Reg. No. 42,728
Kevin J. Canning	Reg. No. 35,470		J
David A. Lane, Jr.	Reg. No. 39,261		,

Send Correspondence to Giulio A. DeConti, Jr., Esq. at Customer Number: 000959 whose address is: Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: Giulio A. DeConti, Jr., Esq., (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
Jochen Salfeld		
Inventor's signature	Date	
Residence		
177 Old Westborough Road, North Grafton, MA 01536		
Citizenship		
Germany		
Post Office Address (if different)		
,		

Euli anno af anno 11 anno 16 anno		
Full name of second inventor, if any Michael Roguska		
Inventor's signature	Date	
Residence		
16 Hilldale Road, Ashland, MA 01721		
Citizenship		
United States		
Post Office Address (if different)		
1 out office frames (if afficient,		
Full name of third inventor, if any		
Michael Paskind		
Inventor's signature	Date	
Residence		
253 Redemption Rock Trail, Sterling, Ma 01564		
Citizenship		
United States		
Post Office Address (if different)		
Full name of fourth inventor, if any		
Subhashis Banerjee		
Inventor's signature	Date	
involuti 3 signature	Date	
Residence		
25 Hapgood Way, Shrewsbury, MA 01545		
Citizenship		
India		
Post Office Address (if different)		
<u> </u>		
Full name of fifth inventor, if any		
Daniel Tracey	-	
Inventor's signature	Date	
Residence		
149 Shaker Road, Harvard, MA 01451		
Citizenship United States		
Post Office Address (if different)		
	-	

F	
Full name of sixth inventor, if any	
Michael White	
Inventor's signature	Date
Decidence	
Residence	
30 Angelica Drive, Framingham, MA 01701	
Citizenship	
United States	
Post Office Address (if different)	
Full name of seventh inventor, if any	
Zehra Kaymakcalan	
Inventor's signature	Date
Residence	
4 Picadilly Way, Westborough, MA 01581	
Citizenship	
Turkey	
Post Office Address (if different)	
,	
	•
Full name of eighth inventor, if any	
Boris Labkovsky	
Inventor's signature	Date
Residence	
107 A-5 Broadmeadow Road, Marlborough, MA 01752	
Citizenship	
United States	
Post Office Address (if different)	
Full name of ninth inventor, if any	
Paul Sakorafas	
Inventor's signature	Data :
inventor's signature	Date
Residence	
47 Court Street, Newton, MA 02160	
Citizenship	
United States	
Post Office Address (if different)	
,	

Full name of tenth inventor, if any	
Geertruida M. Veldman	
Inventor's signature	Date
Residence	
60 Woodmere Drive, Sudbury, MA 01776	
Citizenship	
Netherlands	
Post Office Address (if different)	
1 ost Office Address (if different)	
Full name of eleventh inventor, if any	
Amy Venturini	
Inventor's signature	Date
Residence	***************************************
207 Woburn Street, Lexington, MA 02420	
Citizenship	
United States	
Post Office Address (if different)	
Full name of twelfth inventor, if any	
Angela Widom	
Inventor's signature	Date /
Hooper Paidon	7/25/00
Residence	1100/00
19 Cherokee Road, Acton, MA 01720	
Citizenship	
United States	
Post Office Address (if different)	
Full name of thirteenth inventor, if any	
Stuart Friedrich	
Inventor's signature	Date
Residence	
20 Albion Street, Melrose, MA 02176	
Citizenship	
Canada	
Post Office Address (if different)	

Full name of fourteenth inventor, if any	
Nicholas W. Warne	
Inventor's signature	Date
Residence	
27 Farrwood Drive, Andover, MA 01810	· · · · · · · · · · · · · · · · · · ·
Citizenship	
United States	
Post Office Address (if different)	
Full name of Efficiently invientor if any	
Full name of fifteenth inventor, if any	
Angela Myles	Date
Inventor's signature	Date
Residence	
11 Crescent Drive, Apt. 7, Andover, MA 01810	
Citizenship	
United States	
Post Office Address (if different)	
1 out office reactions (it different)	
Full name of sixteenth inventor, if any	
John Gawain Elvin	
Inventor's signature	Date
Residence	
36 Perowne Street, Cambridge, Great Britain CB1 2AY	
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of seventeenth inventor, if any	
Alexander Robert Duncan	
	Date
Alexander Robert Duncan Inventor's signature	Date
Alexander Robert Duncan Inventor's signature Residence	
Alexander Robert Duncan Inventor's signature Residence 3 Hauwxton Road, Little Shelford, Cambridge, Great Britain Cl	
Alexander Robert Duncan Inventor's signature Residence 3 Hauwxton Road, Little Shelford, Cambridge, Great Britain Cl Citizenship	
Alexander Robert Duncan Inventor's signature Residence 3 Hauwxton Road, Little Shelford, Cambridge, Great Britain Cl	

Full name of eighteenth inventor, if any	
Elaine Joy Derbyshire	
Inventor's signature	Date
Residence	
15 The Brambles, Studlands Rise, Royston,	, Hertfordshire, Great Britain SG8 9NQ
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of nineteenth inventor, if any	
Sara Carmen	
Inventor's signature	Date
Residence	
136 Sturton Street, Cambridge, Great Britai	n CB1 2QF
Citizenship	·
United Kingdom	
Post Office Address (if different)	

Full name of twentieth inventor, if any	
Stephen Smith	
Inventor's signature	Date
Residence	
33 Church Road, Wicken, Ely, Cambridg	geshire, Great Britain CB7 5XT
Citizenship	
United Kingdom	
Post Office Address (if different)	
,	

Date	
	Date

Full name of twenty-second inventor, if ar	ny
Sarah Leila Du Fou	
Inventor's signature	Date
Residence	
76 Ickleford Road, Hitchen, Hertfordshire	, Great Britain SG5 1TL
Citizenship	
United Kingdom	
Post Office Address (if different)	



Customer Number: 000959

Attorney's Docket Number: BBI-093CP



Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

the specification of which	
(check one)	
is attached hereto.	
X was filed on March 24, 2000	as
Application Serial No. 09/534,717	
and was amended on	
(if applicable)	

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

- X no such applications have been filed.
- _ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Date of Filing	Priority (Claimed
	(month,day,year)		USC 119
		_ Yes	No_
		_ Yes	No_
		_ Yes	No _
		_ Yes	No _
		_ Yes	No _
	Application Number		(month,day,year) Under 35 _ Yes _ Yes _ Yes _ Yes _ Yes _ Yes

(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION	12 MONTHS
	Ĭ

60/126,603	March 25, 1999
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield Thomas V. Smurzynski Ralph A. Loren Giulio A. DeConti, Jr. Ann Lamport Hammitte Elizabeth A. Hanley Amy E. Mandragouras Anthony A. Laurentano Jane E. Remillard Jeremiah Lynch Kevin J. Canning David A. Lane, Jr.	Reg. No. 19,162 Reg. No. 24,798 Reg. No. 29,325 Reg. No. 31,503 Reg. No. 34,858 Reg. No. 33,505 Reg. No. 36,207 Reg. No. 38,220 Reg. No. 38,872 Reg. No. 17,425 Reg. No. 35,470 Reg. No. 39,261	Catherine J. Kara Jeanne M. DiGiorgio Megan E. Williams Nicholas P. Triano III Peter C. Lauro Timothy J. Douros DeAnn F. Smith William D. DeVaul David J. Rikkers Chi Suk Kim	Reg. No. 41,106 Reg. No. 41,710 Reg. No. 43,270 Reg. No. 32,360 Reg. No. 41,716 Reg. No. 36,683 Reg. No. 42,483 Reg. No. 43,882 Reg. No. 42,728
---	---	---	---

Send Correspondence to Giulio A. DeConti, Jr., Esq. at Customer Number: 000959 whose address is: Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: Giulio A. DeConti, Jr., Esq., (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
Jochen Salfeld		
Inventor's signature	Date	
Residence		
177 Old Westborough Road, North Grafton, MA 01536	•	
Citizenship		
Germany		
Post Office Address (if different)		
,,		

Full name of second inventor if any		
Full name of second inventor, if any Michael Roguska		
Inventor's signature	Data	
an various o organical o	Date	
Residence		
16 Hilldale Road, Ashland, MA 01721		
Citizenship		
United States		
Post Office Address (if different)		
Full name of third inventor, if any		
Michael Paskind		
Inventor's signature	Date	
and a second of a	Date .	
Residence		_
253 Redemption Rock Trail, Sterling, Ma 01564		
Citizenship		
United States		
Post Office Address (if different)		
Full name of fourth inventor, if any		
Subhashis Banerjee		
Inventor's signature	Date	
	24.5	
Residence	·	
25 Hapgood Way, Shrewsbury, MA 01545		
Citizenship		
India Revision de la companya della companya della companya de la companya della		
Post Office Address (if different)		
Full name of fifth inventor, if any		
Daniel Tracey		
Inventor's signature	Date	
~		
Residence		
149 Shaker Road, Harvard, MA 01451		
Citizenship United States		
Post Office Address (if different)		

Full name of sixth inventor, if any	
Michael White	
Inventor's signature	Date
Residence	
30 Angelica Drive, Framingham, MA 01701	
Citizenship	
United States	
Post Office Address (if different)	
Full name of seventh inventor, if any	
Zehra Kaymakcalan	
Inventor's signature	Date
Residence	
4 Picadilly Way, Westborough, MA 01581	
Citizenship	
Turkey	•
Post Office Address (if different)	
Full name of eighth inventor, if any	
Boris Labkovsky	
Inventor's signature	Date
-	Date
Residence	
107 A-5 Broadmeadow Road, Marlborough, MA 01752	
Citizenship	
United States	
Post Office Address (if different)	
Full name of ninth inventor, if any	
Paul Sakorafas	
Inventor's signature	Date
Residence	
47 Court Street, Newton, MA 02160	
Citizenship United States	
Post Office Address (if different)	

[F.1]	
Full name of tenth inventor, if any	
Geertruida M. Veldman	
Inventor's signature	Date
Residence	
60 Woodmere Drive, Sudbury, MA 01776	
Citizenship	
Netherlands	
Post Office Address (if different)	
·	
Full name of eleventh inventor, if any	
Amy Venturini	
Inventor's signature	Date
Residence	
207 Woburn Street, Lexington, MA 02420	
Citizenship	
United States	
Post Office Address (if different)	
Full name of twelfth inventor, if any	
Angela Widom	
Inventor's signature	Date
Residence	
19 Cherokee Road, Acton, MA 01720	
Citizenship	
United States	
Post Office Address (if different)	
Full name of thirteenth inventor, if any	
Stuart Friedrich	
Inventor's signature	Date
Residence	
20 Albion Street, Melrose, MA 02176	
Citizenship	
Canada	
Post Office Address (if different)	

Nicholas W. Warne		
Inventor's signature	Date	
Residence		
27 Farrwood Drive, Andover, MA 01810		
Citizenship		
United States		
Post Office Address (if different)		

Full name of fifteenth inventor, if any	
Angela Myles	
Inventor's signature Residence	Date 2000
11 Crescent Drive, Apt. 7, Andover, MA 01810	T.
Citizenship United States	
Post Office Address (if different)	

Full name of sixteenth inventor, if any		
John Gawain Elvin		
Inventor's signature	Date	
Residence		
36 Perowne Street, Cambridge, Great Britain CB1 2A	Y	
Citizenship		
United Kingdom		
Post Office Address (if different)		

Full name of seventeenth inventor, if any	
Alexander Robert Duncan	
Inventor's signature	Date
Residence	
3 Hauwxton Road, Little Shelford, Cambrid	lge, Great Britain CB2 5HJ
Citizenship	,
United Kingdom	
Post Office Address (if different)	

laine Joy Derbyshire eventor's signature	
ventor 3 signature	Date
esidence	
The Brambles, Studlands Rise, Royston	1, Hertfordshire, Great Britain SGR ONO
tizenship	,
nited Kingdom	
ost Office Address (if different)	

Date	
	
	·
	Date

Full name of twentieth inventor, if any Stephen Smith	
Inventor's signature	
mvolitor s signature	Date
Residence	
33 Church Road, Wicken, Ely, Cambridge	shire, Great Britain CB7 5XT
Citizenship	, 11 to 2 to 1 5 A I
United Kingdom	
Post Office Address (if different)	
,	

Full name of twenty-first inventor, if any Thor Las Holtet	
Inventor's signature	Date
Residence	
13 Mortimer Road, Royston, Hertfordshire, Great Britain	
Citizenship	
Denmark	
Post Office Address (if different)	

Full name of twenty-second inventor, if any
Sarah Leila Du Fou
Inventor's signature
Residence
76 Ickleford Road, Hitchen, Hertfordshire, Great Britain SG5 1TL
Citizenship
United Kingdom
Post Office Address (if different)





Customer Number: 000959

Attorney's Docket Number: BBI-093CP

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

the specification of which	
(check one)	
is attached hereto.	
X was filed on March 24, 2000	as
Application Serial No. 09/534,717	
and was amended on	
(if applicable)	

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

	h ~	-1-	or	
L.	ne	CK.	OF	ıe:

- X no such applications have been filed.
- _ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119	
			_ Yes	No_
			- Yes	No _
			_ Yes	No _
· · · · · · · · · · · · · · · · · · ·			_ Yes	No_
			_ Yes	No _

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

(*********************************							
		· .					

CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/126,603	March 25, 1999
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield	Reg. No. 19,162	Catherine J. Kara	Reg. No. 41,106
Thomas V. Smurzynski	Reg. No. 24,798	Jeanne M. DiGiorgio	Reg. No. 41,710
Ralph A. Loren	Reg. No. 29,325	Megan E. Williams	Reg. No. 43,270
Giulio A. DeConti, Jr.	Reg. No. 31,503	Nicholas P. Triano III	Reg. No. 36,397
Ann Lamport Hammitte	Reg. No. 34,858	Peter C. Lauro	Reg. No. 32,360
Elizabeth A. Hanley	Reg. No. 33,505	Timothy J. Douros	Reg. No. 41,716
Amy E. Mandragouras	Reg. No. 36,207	DeAnn F. Smith	Reg. No. 36,683
Anthony A. Laurentano	Reg. No. 38,220	William D. DeVaul	Reg. No. 42,483
Jane E. Remillard	Reg. No. 38,872	David J. Rikkers	Reg. No. 43,882
Jeremiah Lynch	Reg. No. 17,425	Chi Suk Kim	Reg. No. 42,728
Kevin J. Canning	Reg. No. 35,470		
David A. Lane, Jr.	Reg. No. 39,261		

Send Correspondence to Giulio A. DeConti, Jr., Esq. at Customer Number: 000959 whose address is: Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: Giulio A. DeConti, Jr., Esq., (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
Jochen Salford		
Inventor's signature	Date	-
- (- ///	6 12 1 / 2000	
Residence	9 ,	
177 Old Westborough Road, North Grafton, MA 01536		
Citizenship	•	
Germany		
Post Office Address (if different)		
·		

Full name of second inventor, if any Michael Roguska 7.25.00 Inventor's signature Residence 16 Hilldale Road, Ashland, MA 01721 Citizenship **United States** Post Office Address (if different) Full name of third inventor, if any Michael Paskind Date Inventor's signature 6/22/00 Michael Baskin Residence 253 Redemption Rock Trail, Sterling, Ma 01564 Citizenship **United States** Post Office Address (if different) Full name of fourth inventor, if any Subhashis Banerjee Date Inventor's signature - cheasein Residence 28 Hapgood Way, Shrewsbury, MA 01545 Citizenship India Post Office Address (if different) Full name of fifth inventor, if any Daniel Tracey Date 6/22/2000 Inventor's signature Residence 149 Shaker Road, Harvard, MA 01451 Citizenship **United States** Post Office Address (if different)

5B. 6/2/00

Full name of sixth inventor, if any Michael White Date Inventor's signature 6/23/00 K. White Residence 30 Angelica Drive, Framingham, MA 01701 Citizenship **United States** Post Office Address (if different) Full name of seventh inventor, if any Zehra Kaymakcalan Inventor's signature 6/26/2000 Jehn Koymakeala Residence 4 Picadilly Way, Westborough, MA 01581 Citizenship Turkey Post Office Address (if different) Full name of eighth inventor, if any Boris Labkovsky Date 7-26-00 Inventor's signature Residence 107 A-5 Broadmeadow Road, Marlborough, MA 01752 Citizenship **United States** Post Office Address (if different) Full name of ninth inventor, if any Paul Sakorafas Date Inventor's signature 7/20/2000 Paul Suh anafes Residence 47 Court Street, Newton, MA 02160 Citizenship **United States** Post Office Address (if different)

Full name of tenth inventor, if any		
Geertruida M. Veldman		
Inventor's signature	Date	
Residence		
60 Woodmere Drive, Sudbury, MA 01776		
Citizenship		
Netherlands		
Post Office Address (if different)		
Full name of eleventh inventor, if any		
Amy Venturini		
Inventor's signature	Date	
inventor's signature	-	
Residence		
207 Woburn Street, Lexington, MA 02420		
Citizenship		
United States		
Post Office Address (if different)		
101		
Full name of twelfth inventor, if any		
Angela Widom	Date	
Inventor's signature	Date	
Residence		
19 Cherokee Road, Acton, MA 01720		
Citizenship		
United States		
Post Office Address (if different)		
Tobe Office Hadrens (12 difference)		
Full name of thirteenth inventor, if any		
Stuart Friedrich		
Inventor's signature	Date	
Residence		
20 Albion Street, Melrose, MA 02176		
Citizenship		
Canada		
Post Office Address (if different)		

Full name of fourteenth inventor, if any	-	
Nicholas W. Warne		
Inventor's signature	Date	
Residence		
27 Farrwood Drive, Andover, MA 01810		
Citizenship		
United States		
Post Office Address (if different)		

.:

Full name of fifteenth inventor, if any Angela Myles		
Inventor's signature	Date	
Residence 11 Crescent Drive, Apt. 7, Andover, MA 01810		
Citizenship		
United States		
Post Office Address (if different)		

Full name of sixteenth inventor, if any	
John Gawain Elvin	
Inventor's signature	Date
Residence	
36 Perowne Street, Cambridge, Great Britain CB1 2AY	
Citizenship	
United Kingdom	
Post Office Address (if different)	

Full name of seventeenth inventor, if any	
Alexander Robert Duncan	
Inventor's signature	Date
Residence	
3 Hauwxton Road, Little Shelford, Cambridge,	Great Britain CB2 5HJ
Citizenship	
United Kingdom	
Post Office Address (if different)	

Full name of eighteenth inventor, if any	
Elaine Joy Derbyshire	
Inventor's signature	Date
Residence	
15 The Brambles, Studlands Rise, Royston, Hertfordshire, Gre	eat Britain SG8 9NQ
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of nineteenth inventor, if any	
Sara Carmen	Data
Inventor's signature	Date
D :1	
Residence	
136 Sturton Street, Cambridge, Great Britain CB1 2QF	
Citizenship	
United Kingdom Post Office Address (if different)	
Post Office Address (if different)	
Full name of twentieth inventor, if any	
Stephen Smith Inventor's signature	Date
Inventor's signature	
Residence	
33 Church Road, Wicken, Ely, Cambridgeshire, Great Britain	CB7 5XT
Citizenship	
United Kingdom	
Post Office Address (if different)	
1 55t Cilies Madiess (II dilletelle)	
Full name of twenty-first inventor, if any	
Thor Las Holtet	
Inventor's signature	Date
Residence	
13 Mortimer Road, Royston, Hertfordshire, Great Britain	
Citizenship	
Denmark	
Post Office Address (if different)	
, ´	

Full name of twenty-second inventor, if a Sarah Leila Du Fou	ny
Inventor's signature	Date
Residence 76 Ickleford Road, Hitchen, Hertfordshire	e, Great Britain SG5 1TL
Citizenship	
United Kingdom	
Post Office Address (if different)	



Customer Number: 000959

Attorney's Docket Number: BBI-093CP

#4

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

as

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

- X no such applications have been filed.
- _ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing	Priority	Claimed
•		(month,day,year)	Under 35	5 USC 119
			_ Yes	No_
			_ Yes	No _
			_ Yes	No_
			_ Yes	No _
			_ Yes	No _
ALL E	OREIGN APPLICATION(S), II	ANY FILED MORE T	HAN 12 MC	NTHS

(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION	

CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/126,603 (Application Serial No.)	March 25, 1999 (Filing Date)	
(Application Serial No.)	(Filing Date)	

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to Giulio A. DeConti, Jr., Esq. at Customer Number: 000959 whose address is: Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: Giulio A. DeConti, Jr., Esq., (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Jochen Salfeld	
Inventor's signature	Date
-	
Residence	
177 Old Westborough Road, North Grafton, MA 01536	<u> </u>
Citizenship	
Germany	
Post Office Address (if different)	

Full name of second inventor, if any	İ
Michael Roguska	Data
Inventor's signature	Date
Residence	
16 Hilldale Road, Ashland, MA 01721	
Citizenship	
United States	
Post Office Address (if different)	
,	
Full name of third inventor, if any	-
Michael Paskind	
Inventor's signature	Date
Involtor o osgrana	
Residence	
253 Redemption Rock Trail, Sterling, Ma 01564	
Citizenship	
United States	
Post Office Address (if different)	
1 Ost Office Mudross (if discoss)	
Full name of fourth inventor, if any	
Subhashis Banerjee	
Inventor's signature	Date
Inventor's signature	
Residence	
25 Hapgood Way, Shrewsbury, MA 01545	
Citizenship	
India	
Post Office Address (if different)	
Post Office Address (if different)	
Full name of fifth inventor, if any	
	•
Daniel Tracey	Date
Inventor's signature	
D :1	
Residence	
149 Shaker Road, Harvard, MA 01451	
Citizenship	
United States	
Post Office Address (if different)	
1	

Full name of sixth inventor, if any	
Michael White	Date
Inventor's signature	Date
Residence	
30 Angelica Drive, Framingham, MA 01701	
Citizenship	
United States	
Post Office Address (if different)	
Full name of seventh inventor, if any	
Zehra Kaymakcalan	Date
Inventor's signature	Date
2 11	
Residence	
4 Picadilly Way, Westborough, MA 01581	
Citizenship	
Turkey Post Office Address (if different)	
Post Office Address (if different)	
Full name of eighth inventor, if any	
Boris Labkovsky	
Inventor's signature	Date
Inventor's signature	
Residence	
107 A-5 Broadmeadow Road, Marlborough, MA 01752	
Citizenship	
United States	
Post Office Address (if different)	
1000 011100 11100 1100 11100 11100 11100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100	
Full name of ninth inventor, if any	
Paul Sakorafas	
Inventor's signature	Date
Residence	
47 Court Street, Newton, MA 02160	
Citizenship	
United States	
Post Office Address (if different)	

Full name of tenth inventor, if any	
Geertruida M. Veldman	
Inventor's signature	Date
Residence	
60 Woodmere Drive, Sudbury, MA 01776	
Citizenship	
Netherlands	
Post Office Address (if different)	
· · · · · · · · · · · · · · · · · · ·	
Full name of eleventh inventor, if any	
Amy Venturini	Date
Inventor's signature	Date
D.:'l	
Residence	
207 Woburn Street, Lexington, MA 02420	
Citizenship United States	•
Post Office Address (if different)	
Post Office Address (II different)	
Full name of twelfth inventor, if any	
Angela Widom	
Inventor's signature	Date
Residence	
19 Cherokee Road, Acton, MA 01720	
Citizenship	
United States	
Post Office Address (if different)	
, , ,	
Full name of thirteenth inventor, if any	
Stuart Friedrich	
Inventor's signature	Date
Residence	
20 Albion Street, Melrose, MA 02176	
Citizenship	
Canada	
Post Office Address (if different)	
1	

Full name of fourteenth inventor, if any Nicholas W. Warne Date Inventor's signature Residence 27 Farrwood Drive, Andover, MA 01810 Citizenship **United States** Post Office Address (if different) Full name of fifteenth inventor, if any Angela Myles Date Inventor's signature Residence 11 Crescent Drive, Apt. 7, Andover, MA 01810 Citizenship **United States** Post Office Address (if different) Full name of sixteenth inventor, if any John Gawain Elvin Date Jost Jone 2000 Inventor's signature Residence 36 Perowne Street, Cambridge, Great Britain CB1 2AY Citizenship United Kingdom Post Office Address (if different) Full name of seventeenth inventor, if any Alexander Robert Duncan Date Inventor's signature 21 5 June 2000 Residence 3 Hauwxton Road, Little Shelford, Cambridge, Great Britain CB2 5HJ Citizenship United Kingdom Post Office Address (if different)

Full name of eighteenth inventor, if any	
Elaine Joy Derbyshire	
Inventor's signature	Date
& J Nober leen	6th July 2000
Residence	J
15 The Brambles, Studlands Rise, Royston, Hertfordshire, Grea	t Britain SG8 9NQ
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of nineteenth inventor, if any	
Sara Carmen	
Inventor's signature	Date 21 June 2000
S.(a	21 OTHE GOOD
Residence	
136 Sturton Street, Cambridge, Great Britain CB1 2QF	
Citizenship	•
United Kingdom	
Post Office Address (if different)	
Full name of twentieth inventor, if any	
Stephen Smith	
Inventor's signature	Date
	Date 26 TH June 2000
Residence	
33 Church Road, Wicken, Ely, Cambridgeshire, Great Britain C	B7 5XT
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of twenty-first inventor, if any	
Thor Las Holtet	
Inventor's signature	Date
Residence	
13 Mortimer Road, Royston, Hertfordshire, Great Britain	
Citizenship	
Denmark	·
D . CCC A 11 CC 11CC	
Post Office Address (if different)	

Full name of twenty-second inventor, if any	
Sarah Leila Du Fou	
Inventor's signature	Date
Residence	
76 Ickleford Road, Hitchen, Hertfordshire, (Great Britain SG5 1TL
Citizenship	·
United Kingdom	
Post Office Address (if different)	
•	,



Customer Number: 000959

Attorney's Docket Number: BBI-093CP

世午

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

the specification of which	
(check one)	
is attached hereto.	
X was filed on March 24, 2000	as
Application Serial No. <u>09/534,717</u>	
and was amended on(if applicable)	

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

- X no such applications have been filed.
- _ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	ry Application Number Date of Filing (month,day,year)		Priority Claimed Under 35 USC 119	
			_ Yes	No _
			_ Yes	No_
			_ Yes	No _
			_ Yes	No _
			_ Yes	No _
ALL F	OREIGN APPLICATION(S), II	F ANY FILED MORE T	HAN 12 MC	NTHS

(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/126,603	March 25, 1999	
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)	
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)	

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield	Reg. No. 19,162	Catherine J. Kara	Reg. No. 41,106
Thomas V. Smurzynski	Reg. No. 24,798	Jeanne M. DiGiorgio	Reg. No. 41,710
Ralph A. Loren	Reg. No. 29,325	Megan E. Williams	Reg. No. 43,270
Giulio A. DeConti, Jr.	Reg. No. 31,503	Nicholas P. Triano III	Reg. No. 36,397
Ann Lamport Hammitte	Reg. No. 34,858	Peter C. Lauro	Reg. No. 32,360
Elizabeth A. Hanley	Reg. No. 33,505	Timothy J. Douros	Reg. No. 41,716
Amy E. Mandragouras	Reg. No. 36,207	DeAnn F. Smith	Reg. No. 36,683
Anthony A. Laurentano	Reg. No. 38,220	William D. DeVaul	Reg. No. 42,483
Jane E. Remillard	Reg. No. 38,872	David J. Rikkers	Reg. No. 43,882
Jeremiah Lynch	Reg. No. 17,425	Chi Suk Kim	Reg. No. 42,728
Kevin J. Canning	Reg. No. 35,470		1008.1101.12,720
David A. Lane, Jr.	Reg. No. 39.261		

Send Correspondence to Giulio A. DeConti, Jr., Esq.	at Customer Number:	000959 whose
address is: Lahive & Cockfield, LLP, 28 State Street, Bost	on, MA 02109	
Direct Telephone Celleter Civilia A DeCorti I. E. ((17) 007 7400	
Direct Telephone Calls to: Giulio A. DeConti, Jr., Esq., (6	017) 227-7400	

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date	
	<u> </u>
	Date

F 11	
Full name of second inventor, if any	
Michael Roguska	
Inventor's signature	Date
D '1	
Residence	•
16 Hilldale Road, Ashland, MA 01721	
Citizenship	
United States	
Post Office Address (if different)	
·	
Full name of third inventor if any	
Full name of third inventor, if any Michael Paskind	
	D-4-
Inventor's signature	Date
Residence	
253 Redemption Rock Trail, Sterling, Ma 01564	
Citizenship	
United States	
Post Office Address (if different)	
1 ost Office Address (if different)	
Full name of fourth inventor, if any	
Subhashis Banerjee	
Inventor's signature	Date
involtor o organicaro	Date
Residence	
25 Hapgood Way, Shrewsbury, MA 01545	
Citizenship	
India	
Post Office Address (if different)	
1 ost Office Address (if different)	
Full name of fifth inventor, if any	
Daniel Tracey	•
Inventor's signature	Date
	<i>;</i>
Residence	
149 Shaker Road, Harvard, MA 01451	
Citizenship	
United States	
Post Office Address (if different)	

Full name of sixth inventor, if any	
Michael White	
Inventor's signature	Date
Residence	
30 Angelica Drive, Framingham, MA 01701	
Citizenship	
United States	
Post Office Address (if different)	
E. H	
Full name of seventh inventor, if any	
Zehra Kaymakcalan	Date
Inventor's signature	Date
Residence	· · · · · · · · · · · · · · · · · · ·
4 Picadilly Way, Westborough, MA 01581	
Citizenship	
Turkey	
Post Office Address (if different)	
Full name of eighth inventor, if any	
Boris Labkovsky	
Inventor's signature	Date
Residence	
107 A-5 Broadmeadow Road, Marlborough, MA 01752	
Citizenship	
United States	
Post Office Address (if different)	
Full name of ninth inventor, if any	
Paul Sakorafas	
Inventor's signature	Date
Inventor 5 signature	
Residence	
47 Court Street, Newton, MA 02160	
Citizenship	
United States	
Post Office Address (if different)	

Full name of tenth inventor, if any	
Geertruida M. Veldman	
Inventor's signature	Date
Residence	
60 Woodmere Drive, Sudbury, MA 01776	
Citizenship	
Netherlands	
Post Office Address (if different)	
Full name of eleventh inventor, if any	
Amy Venturini	
Inventor's signature	Date
arry Venturino	Date August 8, 2000
Residence 0	7
207 Woburn Street, Lexington, MA 02420	
Citizenship	·
United States	
Post Office Address (if different)	
Full name of twelfth inventor, if any	
Angela Widom	
Inventor's signature	Date
Residence	
19 Cherokee Road, Acton, MA 01720	
Citizenship United States	
Post Office Address (if different)	
Post Office Address (if different)	
Full name of thirteenth inventor, if any	
Stuart Friedrich	
Inventor's signature	Date
Residence	
20 Albion Street, Melrose, MA 02176	
Citizenship	
Canada	
Post Office Address (if different)	

Full name of fourteenth inventor, if any	
Nicholas W. Warne	· · · · · · · · · · · · · · · · · · ·
Inventor's signature	Date
Residence	
27 Farrwood Drive, Andover, MA 01810	
Citizenship	
United States	
Post Office Address (if different)	
	·
Full name of fifteenth inventor, if any	
Angela Myles	
Inventor's signature	Date
Residence	
11 Crescent Drive, Apt. 7, Andover, MA 01810	
Citizenship	•
United States	
Post Office Address (if different)	
Full name of sixteenth inventor, if any	**************************************
John Gawain Elvin	
Inventor's signature	Date
Residence	***************************************
36 Perowne Street, Cambridge, Great Britain CB1 2AY	
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of seventeenth inventor, if any	
Alexander Robert Duncan	
Inventor's signature	Date
Residence	
3 Hauwxton Road, Little Shelford, Cambridge, Great Britain C	CB2 5HJ
Citizenship	***************************************
United Kingdom	
Post Office Address (if different)	
` '	

Full name of eighteenth inventor, if any Elaine Joy Derbyshire	
Inventor's signature	Date
Residence 15 The Brambles, Studlands Rise, Royston, H	ertfordshire, Great Britain SG8 9NQ
Citizenship	
United Kingdom Post Office Address (if different)	
Post Office Address (if different)	

Full name of nineteenth inventor, if any Sara Carmen		
Inventor's signature	Date	
Residence 136 Sturton Street, Cambridge, Great Britain CB1 2QF		
Citizenship United Kingdom	- ·	
Post Office Address (if different)	1	

Full name of twentieth inventor, if any	
Stephen Smith	
Inventor's signature	Date
Residence	
33 Church Road, Wicken, Ely, Cambridg	eshire, Great Britain CB7 5XT
Citizenship	
United Kingdom	•
Post Office Address (if different)	
, , , , , , , , , , , , , , , , , , ,	

Full name of twenty-first inventor, if any	
Thor Las Holtet	
Inventor's signature	Date
Residence	
13 Mortimer Road, Royston, Hertfordshire, G	reat Britain
Citizenship	
Denmark	
Post Office Address (if different)	

Full name of twenty-second inventor, if a	ny
Sarah Leila Du Fou	
Inventor's signature	Date
Residence	
76 Ickleford Road, Hitchen, Hertfordshire	, Great Britain SG5 1TL
Citizenship	
United Kingdom	
Post Office Address (if different)	
	i

Customer Number: 000959

Attorney's Docket Number: BBI-093CP

YH

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES THAT BIND HUMAN IL-12 AND METHODS FOR PRODUCING

the specification of which	
(check one)	
is attached hereto.	
X was filed on March 24, 2000	as
Application Serial No. <u>09/534,717</u>	
and was amended on	
(if applicable)	

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

- X no such applications have been filed.
- such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority	
		(inonui,day,year)		5 USC 119
			- Yes	No_
			_ Yes	No _
			_ Yes	No _
			_ Yes	No_
			_ Yes	No _
ALL FO	OREIGN APPLICATION(S), IF	ANY FILED MORE TI	HAN 12 MO	NTHS

(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION				
		-		
				-
	· .	, - ,-		
		•		

CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/126,603	March 25, 1999	
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)
(Application Serial No.)	(Filing Date)	(Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield Thomas V. Smurzynski Ralph A. Loren Giulio A. DeConti, Jr. Ann Lamport Hammitte Elizabeth A. Hanley Amy E. Mandragouras Anthony A. Laurentano Jane E. Remillard Jeremiah Lynch Kevin J. Canning David A. Lane, Jr.	Reg. No. 19,162 Reg. No. 24,798 Reg. No. 29,325 Reg. No. 31,503 Reg. No. 34,858 Reg. No. 33,505 Reg. No. 36,207 Reg. No. 38,220 Reg. No. 38,872 Reg. No. 17,425 Reg. No. 35,470 Reg. No. 39,261	Catherine J. Kara Jeanne M. DiGiorgio Megan E. Williams Nicholas P. Triano III Peter C. Lauro Timothy J. Douros DeAnn F. Smith William D. DeVaul David J. Rikkers Chi Suk Kim	Reg. No. 41,106 Reg. No. 41,710 Reg. No. 43,270 Reg. No. 36,397 Reg. No. 32,360 Reg. No. 41,716 Reg. No. 36,683 Reg. No. 42,483 Reg. No. 43,882 Reg. No. 42,728
---	---	---	--

Send Correspondence to Giulio A. DeConti, Jr., Esq.	at Customer Number:	000959 whose
address is: Lahive & Cockfield, LLP, 28 State Street, Bo	ston, MA 02109	
Direct Telephone Calls to: Giulio A. DeConti, Jr., Esq.,	(617) 227-7400	

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
Jochen Salfeld		
Inventor's signature	Date	
Residence		
177 Old Westborough Road, North Grafton, MA 01536		
Citizenship		
Germany		
Post Office Address (if different)		·
(()		

Eull name of assend inventor if any	
Full name of second inventor, if any Michael Roguska	
Inventor's signature	
Inventor 5 signature	Date
Residence	
16 Hilldale Road, Ashland, MA 01721	
Citizenship	
United States	
Post Office Address (if different)	
Full name of third inventor, if any	
Michael Paskind	
Inventor's signature	Date
Residence	·
253 Redemption Rock Trail, Sterling, Ma 01564	
Citizenship	
United States	
Post Office Address (if different)	
1 ost Office Address (ii different)	
Full name of fourth inventor, if any	
Subhashis Banerjee	
Inventor's signature	Date
·	
Residence	
25 Hapgood Way, Shrewsbury, MA 01545	
Citizenship	
India	
Post Office Address (if different)	
Full name of fifth inventor, if any	
Daniel Tracey	
Inventor's signature	Data
monto o difficult	Date
Residence	
149 Shaker Road, Harvard, MA 01451	
Citizenship	
United States	
Post Office Address (if different)	
(a manufactury)	

Full name of sixth inventor, if any	
Michael White	
Inventor's signature	Date
Residence	
30 Angelica Drive, Framingham, MA 01701	
Citizenship United States	
Post Office Address (if different)	
Full name of seventh inventor, if any	
Zehra Kaymakcalan	
Inventor's signature	Date
	Duit
Residence	
4 Picadilly Way, Westborough, MA 01581	
Citizenship	
Turkey	
Post Office Address (if different)	
	•
Full manner of the late of the	
Full name of eighth inventor, if any	
Boris Labkovsky	
Inventor's signature	Date
Residence	
107 A-5 Broadmeadow Road, Marlborough, MA 01752 Citizenship	
United States	
Post Office Address (if different)	
Full name of ninth inventor, if any	
Paul Sakorafas	
Inventor's signature	Date
Residence	
47 Court Street, Newton, MA 02160	
Citizenship	
United States	
Post Office Address (if different)	
·	

Tall and Containing		
Full name of tenth inventor, if any		
Geertruida M. Veldman		
Inventor's signature	Date	
Residence		
60 Woodmere Drive, Sudbury, MA 01776		
Citizenship		
Netherlands		
Post Office Address (if different)		
Full name of eleventh inventor, if any		
Amy Venturini		
Inventor's signature	Date	
Residence		
207 Woburn Street, Lexington, MA 02420		
Citizenship		
United States		
Post Office Address (if different)		
Full name of twelfth inventor, if any		
Angela Widom		
Inventor's signature	Date	
		t.
Residence		-
19 Cherokee Road, Acton, MA 01720		
Citizenship		
United States		
Post Office Address (if different)		
Full name of thirteenth inventor, if any		
Stuart Friedrich		
Inventor's signature	Date	
	Date	
Residence		
20 Albion Street, Melrose, MA 02176		
Citizenship		
Canada		
Post Office Address (if different)		·
•		

Full rome of C	
Full name of fourteenth inventor, if any Nicholas W. Warne	
Inventor's signature /.	
Nichodia W. W. July 26 2 am	
Residence	
27 Farrwood Drive, Andover, MA 01810	
Citizenship	
United States	
Post Office Address (if different)	
Full name of fifteenth inventor, if any	
Angela Myles	
Inventor's signature Date	
Date	
Residence	
11 Crescent Drive, Apt. 7, Andover, MA 01810	
Citizenship	
United States	
Post Office Address (if different)	
Full name of sixteenth inventor, if any	-
John Gawain Elvin	
Inventor's signature Date	
Residence	
36 Perowne Street, Cambridge, Great Britain CB1 2AY	
Citizenship	
United Kingdom	
Post Office Address (if different)	
Full name of seventeenth inventor, if any	
Alexander Robert Duncan	
Inventor's signature Date	
Bute	
Residence	
3 Hauwxton Road, Little Shelford, Cambridge, Great Britain CB2 5HJ	
Citizenship	
United Kingdom	
Post Office Address (if different)	

Full name of eighteenth inventor, if any Elaine Joy Derbyshire Inventor's signature Date Residence 15 The Brambles, Studlands Rise, Royston, Hertfordshire, Great Britain SG8 9NQ Citizenship United Kingdom Post Office Address (if different) Full name of nineteenth inventor, if any Sara Carmen Inventor's signature Date Residence 136 Sturton Street, Cambridge, Great Britain CB1 2QF Citizenship United Kingdom Post Office Address (if different) Full name of twentieth inventor, if any Stephen Smith Inventor's signature Date Residence 33 Church Road, Wicken, Ely, Cambridgeshire, Great Britain CB7 5XT Citizenship United Kingdom Post Office Address (if different) Full name of twenty-first inventor, if any Thor Las Holtet Inventor's signature Date Residence 13 Mortimer Road, Royston, Hertfordshire, Great Britain Citizenship Denmark Post Office Address (if different)

Sarah Leila Du Fou Inventor's signature	
	Date
Residence	
76 Ickleford Road, Hitchen, Hertfordshir Citizenship	e, Great Britain SG5 1TL
Jnited Kingdom	
Post Office Address (if different)	

Full name of eighteenth inventor, if any
Elaine Joy Derbyshire
Inventor's signature

Date

Residence
15 The Brambles, Studlands Rise, Royston, Hertfordshire, Great Britain SG8 9NQ

Citizenship
United Kingdom

Post Office Address (if different)

Full name of nineteenth inventor, if any
Sara Carmen

Inventor's signature

Residence
136 Sturton Street, Cambridge, Great Britain CB1 2QF

Citizenship
United Kingdom

Post Office Address (if different)

Full name of twentieth inventor, if any
Stephen Smith
Inventor's signature

Date

Residence
33 Church Road, Wicken, Ely, Cambridgeshire, Great Britain CB7 5XT

Citizenship
United Kingdom

Post Office Address (if different)

Full name of twenty-first inventor, if any
Thor Las Holtet
Inventor's signature

There has holted

Residence
13 Mortimer Road, Royston, Hertfordshire, Great Britain

Citizenship
Denmark

Post Office Address (if different)